

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NO.

240102.402USPC

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/519,694

PRIORITY DATE CLAIMED

27 June 2002

INTERNATIONAL APPLICATION NO.

PCT/EP2003/006814

INTERNATIONAL FILING DATE

27 June 2003

TITLE OF INVENTION

HEATING DEVICE FOR A FLUID LINE AND METHOD OF MANUFACTURE

APPLICANT(S) FOR DO/EO/US

Thomas GSCHWIND; and Klaus BEETZ

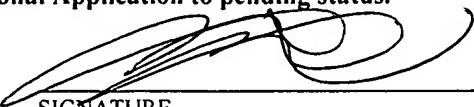
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76
15. ☒ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Petition for Extension of Time; Copy of Notification of Missing Requirements; Redlined Substitute Specification; Replacement Abstract; 1 Replacement Drawing Sheet (Figs. 10-13); Statement Under 37 CFR 3.73(b); Cited References (5).

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/519,694		INTERNATIONAL APPLICATION NO. PCT/EP2003/006814		ATTORNEY'S DOCKET NUMBER 240102.402USPC	
The following fees are submitted					
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....				\$300.00	\$.00
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 0.00	\$.00
All other situations.....				\$200.00	\$.00
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by the IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 0.00	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100.00	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB				\$400.00	
All other situations.....				\$500.00	\$.00
TOTAL OF 21, 22 AND 23 =					\$.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	/50 =			X \$250.00	\$.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$.00
Claims	Number Filed	Number Extra	Rate		
Total Claims	48 - 20 =	28	x \$ 50.00		\$1400.00
Independent Claims	6 - 3 =	3	x \$ 200.00		\$600.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		\$.00
TOTAL OF ABOVE CALCULATIONS =					\$2000.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$.00
SUBTOTAL =					\$2000.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$.00
TOTAL NATIONAL FEE =					\$2000.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$.00
Extension fee, response within second month, large entity +					\$450.00
TOTAL FEES ENCLOSED =					\$2450.00
				Amount to be refunded:	
				Amount to be Charged:	

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/519,694	INTERNATIONAL APPLICATION NO. PCT/EP2003/006814	ATTORNEY'S DOCKET NUMBER 240102.402USPC
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$2450 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 19-1090 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency in the basic national fee which may be required, or credit any overpayment to Deposit Account No. 19-1090. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Lorraine Linford Seed Intellectual Property Law Group PLLC 701 5th Avenue, Suite 6300 Seattle, WA 98104-7092 United States of America (206) 622-4900</p> <p> _____ SIGNATURE</p> <p><u>Lorraine Linford</u> _____ NAME</p> <p><u>35,939</u> _____ REGISTRATION NUMBER</p>		

701439_1.DOC



UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EV530944546US

United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/519,694	Thomas Gschwind	240102.402USPC

INTERNATIONAL APPLICATION NO.	
PCT/EP03/06814	
LA. FILING DATE	PRIORITY DATE
06/27/2003	06/27/2002

500
 SEED INTELLECTUAL PROPERTY LAW GROUP PLLC
 701 FIFTH AVE
 SUITE 6300
 SEATTLE, WA 98104-7092

RECEIVED

JUN 16 2005

SEED INTELLECTUAL PROPERTY
 LAW GROUP PLLC

Date Mailed: 06/13/2005

CONFIRMATION NO. 6923
 371 FORMALITIES LETTER
 OC000000016260208
 OC000000016260208

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/27/2004
- Copy of the International Search Report filed on 12/27/2004
- U.S. Basic National Fees filed on 12/27/2004
- Priority Documents filed on 12/27/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

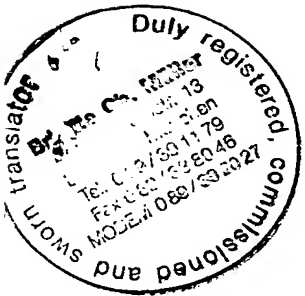
TERRY M JOHNSON VESSELS

Telephone: (703) 308-9140 EXT 221

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/519,694	PCT/EP03/06814	240102.402USPC

FORM PCT/DO/EO/905 (371 Formalities Notice)



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EXPRESS MAIL NO. EV530944546US

Rec'd PCT/PTO 13 OCT 2005

I hereby certify that I have been publicly appointed and sworn in by the President of the Regional Court (Landgericht) No. 1 in Munich, Germany, as a translator for the English language. As such I further certify that the following text is a true and complete translation of international patent application No. PCT/EP03/06814 filed on June 27, 2003. A copy of said document has been handed over to me.

So declared in Munich,
Federal Republic of Germany,
this 7th day of February 2005.

Publicly commissioned and sworn translator

Brigitte Ch. Müller, Hohenzollernstr. 13,

80801 Munich, Bavaria, FRG

